Work Orde				*950	333*						Page 1	1
Item ID: Revision ID: Item Name:	D3022-1 Seat Pan			Accept	*N900	040	100)* s	etup Start Stop	I ZI -	S1* S2*	· ·
Start Date: Required Date: Reference:	1/30/13 1/30/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:					;	1
Approvals:	Process F	Plan: MLJ	Date: /3-0/-2	3 Tooling:	D:	ate:		R	lun Start	I <i>Z</i> I	R1*	· :
••	QC:				D:	ate:			Stop	*N	R2*	į
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty		Reject Number	Insp. Stamp	1
Draw Nbr	R	evision Nbr										
D3022	R	ev B										ţ.
*100		FLOW WATER JET		0.00					٥		JMB-	4-15
Waterjet FLOW CNC Waterj 2024 - 03		Dwg Rev:_ Prog Rev:_ *** grind	Dwg D3022 3 id idirection along 31.700" ** ES,TRANSFER DRILLE	**								1
		2-Deburr if	necessary									i
*110		QC2- Inspect parts off n	nachine FAI/FAIB	0.00					0		Jm13	: -4 -13
QC		Memo		0.00								

Quality Control

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFOR	MANCE / UP	DATE			
											QA Closed:	Date:	
Work Ord	er:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part I	No.					Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet od. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update		Initial	Ac	ction	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Cr	nief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling													
Operator									İ				
Material								•					
Setup													
Other													
Process	П												
Supplier													
Training											ļ		
Unapproved									l				
						F	AUL	T CATE	GORY				
Landi	ng G	ear				General		_			_		
		Bending				Bend		Grain			Ovalized		Pressure/Forced
		Centre No	ot Concer	ntric to (o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	'Unclear	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs				Contamination	\Box	Mainte	nance		Part Moved	_	_
	П	Heat Trea	it			Countersink		Mislabe	led		Positioned \	N rong	
	П	Inspection	n Strin in	Tube		Cut Too Short		Misreac	ł		Power Loss	/Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

Work Orde January-21-13					*95	933*							Page 2	2
Item ID: Revision ID: Item Name: Start Date: Required Date: Reference:	D3022-1 Seat Pan 1/30/13 1/30/13	Start Qty: 1.00 Req'd Qty: 1.00		*1* *1*	Accept	*N90 Cust Ite	m ID:	100) *	Setup	Start Stop	ı u.	S1* S2*	= va. • •
Approvals:		an:			Tooling: SPC (Y/N):		Date:			Run	Start Stop	!/	R1* R2*	
Sequence ID/ Work Center II 120 *120* QC Quality Control	D	Operation Description QC8- Inspect parts - second Memo	ond check		Set Up/ Run Hours 0.00	Tool II	D Tool#	Plan Code	Accep Qty	t Re Qt		Reject Number	Insp. Stamp	
130 *130* Brake NC Brake NC		Bend as per dwg Memo			0.00									St 3 lou
140 *140* QC Quality Control		QC5- Inspect part compl	eteness to st	ep on W/O	0.00 0.00 2 13.	s 1 4 23								-

DQA:	Date:	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

									QA Closed:	Date	:
Work Ordei	r:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part No	o				Rework Scrap Use-as-is Work Order Update	The	Skid-tube Machining rmoforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	A	ction	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chief En	g Des	scription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup								·			
Other	7										
Process							•				
Supplier					•						·
Training											
Unapproved											
•					F	AULT CAT	EGORY				
- Landing	g Gear				General				_	-	_
<u> </u> _	Bending				Bend	Grain			Ovalized		Pressure/Forced
-	Centre No	ot Concer	ntric to (D/S	BOM/Route	Hardv			Over/Under	tolerance	Temperature/Cure
L	Cracks				Broken/Damaged	├ ──	ction Incomplete		Part Incorred	-	Weld
	Crushed/	Crimped.			Burrs		ctions Incomplete	e/Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs				Contamination		tenance	<u> </u>	Part Moved		
L	Heat Trea				Countersink	Mislal			Positioned V		- 1
<u> </u> _	Inspection		Tube	<u></u>	Cut Too Short	Misre			Power Loss/	Surge	Other
	Ripples in			ļ	Drill Holes	Offset					
L	Torque W			` <u> </u>	Drawing	⊢	f Calibration				<u> </u>
	Turning S	•			Finish	Out o	f Sequence				
	Wave/Tw	ist in Tub	oe -		Folio	Outsi	de Dimensions				

Work Orde				*950	333*						Page 3
Item ID: Revision ID: Item Name:	D3022- Seat Pan			Accept	*N900	040	100)*	Setup Star	1 73	S1* S2*
Start Date: Required Date: Reference:	1/30/13 1/30/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item l Customer:	D:					
Approvals:		s Plan:		_		ate:]	Run Stai Sto	"IN	R1* R2*
Sequence ID/ Work Center II 200 * 7 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \)	Operation Description Identify as per dwg & St	ock Location: WA	Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

210

210

Quality Control

13/4/24 D

DQA:	Date:	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

				<u></u>					QA Closed:	Dat	te:
Work Order	·:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part No	o				Rework Scrap Use-as-is Work Order Update	4 1	Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root		1		Descri	ption of work order update	Initial	Ac	tion	Sign &	•	
Cause	Date	Step	Qty	C	or Non-conformance	Chief Eng	Desc	ription	Date	Verification	n QC Inspector
Doc/Data										,	
Equip/Tooling											
Operator		i									
Material											
Setup											
Other											
Process											
Supplier		ļ									
Training											
Unapproved											,
					F	AULT CATE	GORY				
Landing	g Gear				General				_		
	Bending				Bend	Grain			Ovalized		Pressure/Forced
	Centre No	ot Concer	ntric to O	/s	BOM/Route	Hardwa	are		Over/Under	tolerance	Temperature/Cure
L	Cracks				Broken/Damaged	Inspect	ion Incomplete		Part Incorre	ct	Weld
	Crushed/0	Crimped.			Burrs	Instruc	tions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
L	Cuffs				Contamination	Mainte	enance		Part Moved		
	Heat Trea	it			Countersink	Mislab	eled		Positioned V	Vrong	
	Inspection	n Strip in	Tube		Cut Too Short	Misrea	d		Power Loss/	Surge	Other
	Ripples in	Bend			Drill Holes	Offset					
	Torque W	aves in E	xtrusion		Drawing	Out of	Calibration				
	Turning S	equence			Finish	Out of	Sequence				
	TM2vo/Tm	ict in Tub			Folio	Outcide	Dimoncione				

January-21-13 10:04:06 AM

Work Order ID:

95933

Parent Item:

D3022-1

Parent Item Name:

Seat Pan

Start Date: 1/30/13

Required Date: 1/30/13

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP C02.01.23Revised NG

IPP Rev:D 08-04-16 now water jet DD verified by:EC

IPP Rev:E 08-12-18 as per ECN08-582 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M2024T3S.032 2024-T3 .032 sheet		Purchased	No			100	sf	370.1522	1.6232	1 .70863 16 (.35			Jm134
				Location		Loc Qty	<u>Lo</u>	c Code					
				MAT022		370.1522							i
				1182	43	32.4962							1
				1185	23	141							
				1213	09	68.656							
				1230	96	27.6							ı
				1235	74	100.4			(3)	4F 26			

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									DQA:	Date:	
NCR: Ye	s / No				WORK ORDER NON-C	CONFORI	MANCE / UP		QA Closed:	Date:	
Work Order	•				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Work Order				· · · · · ·	Rework		Skid-tube	Crosstube		Water Jet	Engineering
Part No)				Scrap		Machining	Small Fab		d! Eng. Coor.	Quality
NCR No)				Use-as-is Work Order Update	Therr	moforming Large Fab	Finishing Composite	Rec/Stor	re/Packaging Supplier	Other
Root				Descri	ption of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	cription	Date	ⁱ Verification	QC Inspector
Doc/Data								•		!	•
Equip/Tooling]				1	
Operator										1	
Material											,
Setup									<u> </u>	 	
Other										l i	
Process											
Supplier		ŀ									

FAULT CATEGORY

Landing Gear General Bend Ovalized Pressure/Forced Bending Grain BOM/Route Over/Under tolerance Temperature/Cure Centre Not Concentric to O/S Hardware Cracks Broken/Damaged Inspection Incomplete Part Incorrect Weld Wrong Stock Pulled Crushed/Crimped. Burrs Instructions Incomplete/Unclear Part Lost/Missing Part Moved Cuffs Contamination Maintenance Positioned Wrong Mislabeled **Heat Treat** Countersink Power Loss/Surge Other Inspection Strip in Tube Cut Too Short Misread Ripples in Bend Drill Holes Offset Out of Calibration Torque Waves in Extrusion Drawing Out of Sequence Turning Sequence Finish Folio Wave/Twist in Tube Outside Dimensions

Training Unapproved

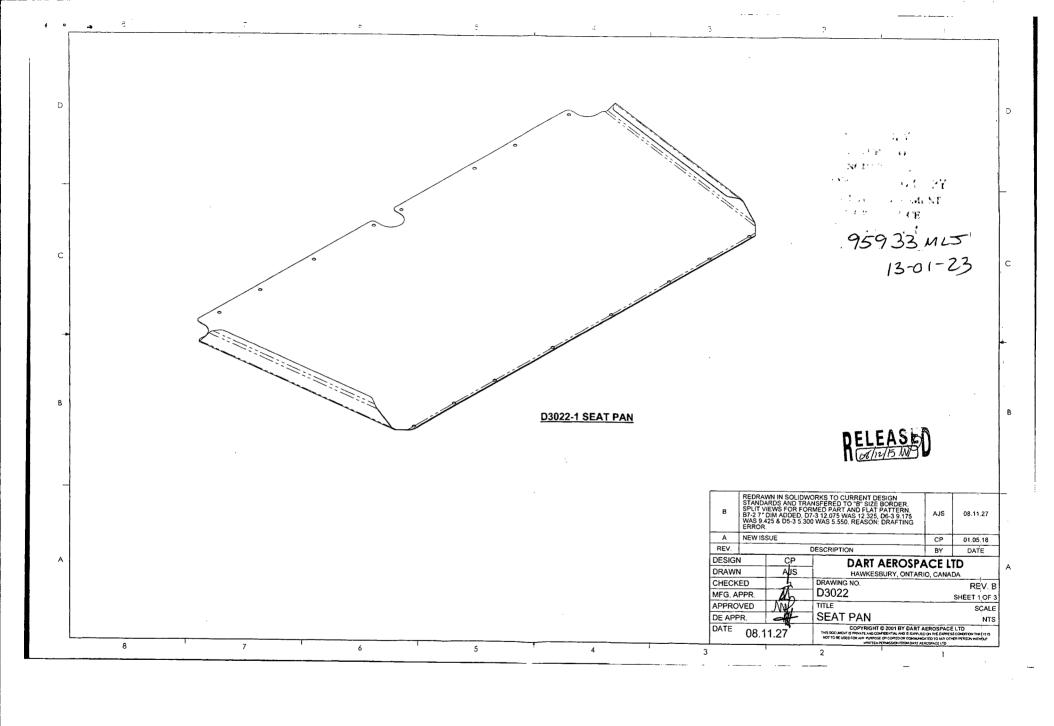
DART AEROSPACE LTD	Work Order:	95933
Description: Seat Pan	Part Number:	D3022-1
Inspection Dwg: D3022 Rev: B		Page 1 of 1

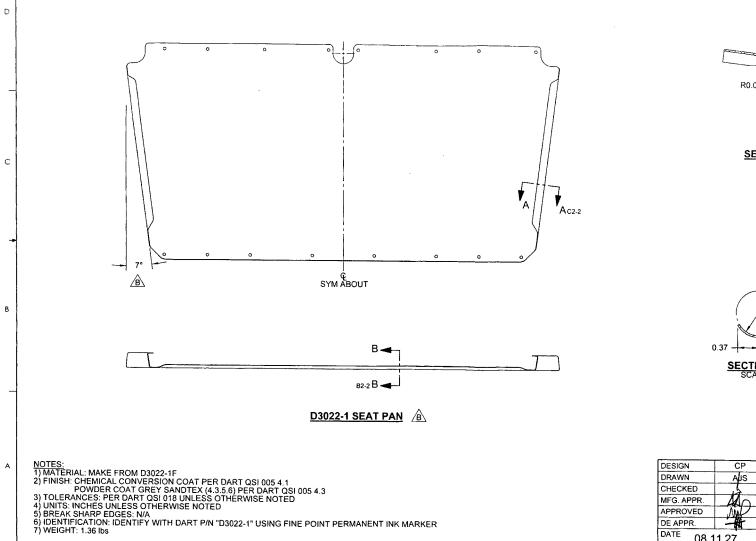
FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
14.75	+/-0.030	14, 75				Jtmo6
12.28	+/-0.030	12.267			†	
2.72	+/-0.030	3.73.			V	Jkmo;
14.62	+/-0.030	14.62"			T	
12.15	+/-0.030	12.15			ト	
			,			
					,	
·						
			QAQ			

Measured by:	J _M	Audited by:	27 &69	Preliminary Approval:	
Date:	13-4-15	Date:	13416	Date:	

Rev	Date	Change	Revised by	Approved
_ A	08.06.13	New Issue	KJ/DD IN	7 //
В	11.06.21	Dwg Rev updated	KJ C	
			10	

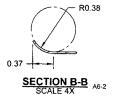




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R0.09^{+0.03}
-0.00
1.00

SECTION A-A C4-2
SCALE 4X



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RELEASED

95933

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С

В

DESIGN	CP	DART AEROSPACE LTD		
DRAWN	AUS	HAWKESBURY, ON		
CHECKED	1	DRAWING NO.	REV. B	
MFG. APPR.	$\Delta t \cap$	D3022	SHEET 2 OF 3	
APPROVED	MA	TITLE	SCALE	
DE APPR.	-#1	SEAT PAN	NTS	
DATE 08.1	1.27	COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS REFINATE AND ONE DETERMINE AND IS SUPPLIED OF THE CHRISTS OF CHIEF HIS OFFICE AND THE CHRISTS OF MEMBERS OF CHIEF OF COMMUNICATION TO MEMBER PERSON WITHOUT		

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